

## EAST Search History

| Ref # | Hits | Search Query               | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|----------------------------|---|------------------|---------|------------------|
| L1    | 779  | (okada and tomoyuki).in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 16:57 |
| L2    | 264  | 1 and (optical near disc)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 16:57 |
| L3    | 123  | 2 and (data near area)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 16:57 |
| L4    | 116  | 3 and vob                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 16:58 |
| L5    | 23   | 4 and hiroshi              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 17:00 |
| L6    | 0    | 5 and duplica\$3           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 17:06 |
| L7    | 0    | (iwamoto and masayhki).in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 17:06 |
| L8    | 502  | (iwamoto and masayuki).in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 17:08 |

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|     |     |                            |   |    |    |                  |
|-----|-----|----------------------------|---|----|----|------------------|
| L9  | 6   | 8 and edit\$3              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:07 |
| L10 | 20  | (oikawa and shigehiko).in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:37 |
| L11 | 237 | (kajimoto and kazuo).in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:38 |
| L12 | 50  | 11 and copy\$3             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:38 |
| L13 | 15  | 12 and edit\$3             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:41 |
| L14 | 2   | "20020090197".pn.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:41 |
| L15 | 36  | (ninomiya and masako).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:42 |
| L16 | 3   | 15 and duplic\$3           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:45 |

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|-----|--------|---|---|----|----|------------------|
| L17 | 1065   | 386/52.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:45 |
| L18 | 626    | 17 and (duplic\$3 or repeat\$3 or copy\$3 or twofold or double or again)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:47 |
| L19 | 610    | 18 and (reproduc\$3 or play or playback or read\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:47 |
| L20 | 203924 | (end\$3 or previous or original or preced\$3) near3 (duplic\$3 or repeat\$3 or copy\$3 or twofold or double or again) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:38 |
| L21 | 85     | 20 and 17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:52 |
| L22 | 1065   | 386/52.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:52 |
| L23 | 85     | 20 and 22   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:53 |
| L24 | 0      | 23 not 21   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:53 |

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| L25 | 945  | 386/68.ccls.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:00 |
| L26 | 86   | 25 and 20         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:53 |
| L27 | 83   | 26 not 21         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 17:53 |
| L28 | 3999 | 386/46.ccls.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:00 |
| L29 | 102  | 20 and 28         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:00 |
| L30 | 91   | 29 not (21 or 27) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:23 |
| L31 | 913  | 360/13.ccls.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:24 |
| L32 | 91   | 30 and 20         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:24 |

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|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| L33 | 0    | 32 not (21 or 27 or 29)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:24 |
| L34 | 0    | 32 not (21 or 27 or 30)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:24 |
| L35 | 1117 | 360/15.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:24 |
| L36 | 81   | 35 and 20   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:24 |
| L37 | 76   | 36 not (32 or 21 or 27 or 30)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:36 |
| L38 | 2    | "5940351".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:41 |
| L39 | 0    | "5940351".pn. and 20  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:37 |
| L40 | 0    | "5940351".pn. and (end\$3 or<br>previous or original or preced\$3)<br>near3 (duplic\$3 or repeat\$3 or<br>copy\$3 or twofold or double or<br>again) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:38 |

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|-----|------|--|---|----|----|------------------|
| L41 | 3039 | (takahashi and takao).in.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:41 |
| L42 | 21   | 41 and fresh\$3                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:44 |
| L43 | 0    | (okada and tomouuki).in.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:45 |
| L44 | 779  | (okada and tomoyuki).in.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:46 |
| L45 | 41   | 44 and (hamasaka and hiroshi)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:54 |
| L46 | 2    | (DUPLICAT\$3 WITH VICINIT\$3<br>WITH PRECED\$3)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:55 |
| L47 | 1    | (DUPLICAT\$3 WITH VICINIT\$3<br>WITH PRECED\$3).CLM. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:55 |
| L48 | 17   | (FLAG WITH VICINITY).CLM.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:57 |

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|     |    |                                      |   |    |    |                  |
|-----|----|--------------------------------------|---|----|----|------------------|
| L49 | 18 | (DUPLICAT\$3 WITH VICINITY).<br>CLM. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:57 |
| L50 | 17 | 49 NOT (47 OR 48)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 18:58 |